——, N^2-[N-[N-[N-[N-(N-L-tyrosyl-D-methionyl)-L-phenylalanyl]-L-histidyl]-L-leucyl]-L-methionyl]-
See *Deltorphin A [119975-64-3]*
Asparagine-keto acid transamidase
See *Aminotransferase, asparagine-keto acid [9030-43-7]*
Asparagine-specific tRNA
See *tRNA, asparagine-specific*
L-Asparaginic acid
See *L-Aspartic acid [56-84-8]*
Asparaginopine
See *D-Glutamic acid, N-[(1S)-3-amino-1-carboxy-3-oxopropyl]- [88194-24-5]*
Asparagoside A
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl [14835-43-9]*
Asparagoside B
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-3,22-dihydroxyfurostan-26-yl [60237-69-6]*
Asparagoside C
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl 3-O-β-D-glucopyranosyl- [60267-23-4]*
Asparagoside D
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl O-β-D-glucopyranosyl-(1→3)-O-[β-D-glucopyranosyl-(1→4)]- [60267-24-5]*
Asparagoside E
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurostan-3-yl 3-O-β-D-glucopyranosyl- [60267-25-6]*
Asparagoside F
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl O-β-D-glucopyranosyl-(1→3)-O-[O-β-D-xylopyranosyl-(1→4)-β-D-glucopyranosyl-(1→4)]- [60267-26-7]*
Asparagoside G
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurostan-3-yl O-β-D-glucopyranosyl-(1→3)-O-[β-D-glucopyranosyl-(1→4)]- [60267-27-8]*
Asparagoside H
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurostan-3-yl O-β-D-glucopyranosyl-(1→3)-O-[O-β-D-xylopyranosyl-(1→4)-β-D-glucopyranosyl-(1→4)]- [60267-28-9]*
Asparagus
Asparagusic acid
See *1,2-Dithiolane-4-carboxylic acid [2224-02-4]*
——, **dihydro-**
See *Propanoic acid, 3-mercapto-2-(mercaptomethyl)- [7634-96-0]*
Asparagus officinalis
See *Asparagus*
Asparagus pea
See *Psophocarpus tetragonolobus*
Asparagus virus 2
Aspara K
See *L-Aspartic acid, compounds, monopotassium salt [1115-63-5]*
Asparal F
See *L-Aspartic acid, N-(3-carboxy-1-oxosulfopropyl)-N-octadecyl-, tetrasodium salt [37767-39-8]*
Asparanin A
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl 2-O-β-D-glucopyranosyl- [84633-33-0]*
Asparanin B
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→4)-O-[β-D-glucopyranosyl-(1→2)]- [84633-34-1]*
Asparanin C
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl O-α-L-arabinopyranosyl-(1→4)-O-[6-deoxy-α-L-mannopyranosyl-(1→6)]- [83997-41-5]*
Asparanin D
See *β-D-Glucopyranoside, (3β,5β,25S)-spirostan-3-yl O-α-L-arabinopyranosyl-(1→4)-O-[6-deoxy-α-L-mannopyranosyl-(1→6)]-O-[β-D-glucopyranosyl-(1→2)]- [83931-89-9]*
Asparasaponin I
See *β-D-Glucopyranoside, (3β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[6-deoxy-α-L-mannopyranosyl-(1→4)]- [60478-69-5]*
Asparasaponin II
See *β-D-Glucopyranoside, (3β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl 4-O-(6-deoxy-α-L-mannopyranosyl)- [60433-66-1]*
Asparasone A
See *9,10-Anthracenedione, 1,3,6,8-tetrahydroxy-2-(1-hydroxy-3-oxobutyl)- [192572-67-1]*
Asparasone A hemiacetal
See *2H-Anthra[2,3-b]pyran-6,11-dione, 3,4-dihydro-2,4,5,7,9-pentahydroxy-2-methyl- [192572-68-2]*
Asparenomycin A
See *1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[(R)-[(1E)-2-(acetylamino)ethenyl]-sulfinyl]-6-(2-hydroxy-1-methylethylidene)-7-oxo-, (5R,6E)- [76466-24-5]*
Asparenomycin B
See *1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[(R)-[2-(acetylamino)ethyl]sulfinyl]-6-(2-hydroxy-1-methylethylidene)-7-oxo-, (5R,6E)- [79366-72-6]*
Asparenomycin C
See *1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[(1E)-2-(acetylamino)ethenyl]thio]-6-(2-hydroxy-1-methylethylidene)-7-oxo-, (5R,6E)- [81018-71-5]*
Aspargusic dehydrogenase
See *Reductase, asparagusate [56126-52-4]*
L-Asparkam
See *L-Aspartic acid, compounds, monopotassium salt, mixt. with dihydrogen (T-4)-bis[L-aspartato(2-)-κN,κO¹]magnesate(2-) [14842-81-0]*
Asparoside A
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-methoxyfurostan-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→4)-O-[β-D-glucopyranosyl-(1→2)]- [84633-35-2]*
Asparoside B
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurostan-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→4)-O-[β-D-glucopyranosyl-(1→2)]- [84633-36-3]*
Asparoside C
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-methoxyfurostan-3-yl O-α-L-arabinopyranosyl-(1→4)-O-[6-deoxy-α-L-mannopyranosyl-(1→6)]-O-[β-D-glucopyranosyl-(1→2)]- [83946-27-4]*
Asparoside D
See *β-D-Glucopyranoside, (3β,5β,22α,25S)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurostan-3-yl O-α-L-arabinopyranosyl-(1→4)-O-[6-deoxy-α-L-mannopyranosyl-(1→6)]-O-[β-D-glucopyranosyl-(1→2)]- [83946-26-3]*
α-Aspartal
See *Butanoic acid, 3-amino-4-oxo- [4238-52-2]*
β-Aspartaldehydic acid
See *Butanoic acid, 2-amino-4-oxo- [15106-57-7]*
Aspartame
See *L-Phenylalanine, L-α-aspartyl-, 2-methyl ester [22839-47-0]*
β-Aspartame
See *L-Phenylalanine, L-β-aspartyl-, 2-methyl ester [22839-61-8]*
Aspartamide
Only peptides of aspartamide are indexed at this heading. Aspartamide itself is indexed at *Butanediamide, 2-amino- [4432-56-8]*
L-Aspartamide
——, **L-alanyl-L-cysteinyl-L-valylglycyl-L-α-glutamyl-L-asparaginyl-L-glutaminyl-L-glutaminyl-L-cysteinyl-L-alanyl-L-α-aspartyl-L-tryptophyl-L-alanylglycyl-L-prolyl-L-histidyl-L-cysteinyl-L-cysteinyl-L-α-aspartylglycyl-L-tyrosyl-L-tyrosyl-L-cysteinyl-L-threonyl-L-cysteinyl-L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-lysyl-L-cysteinyl-L-isoleucyl-L-cysteinyl-L-arginyl-L-asparaginyl-L-asparaginyl-**
See *μ-Agatoxin IV (reduced) [120597-44-6]*
——, **L-alanyl-L-cysteinyl-L-valylglycyl-L-α-glutamyl-L-asparaginyl-L-lysyl-L-glutaminyl-L-cysteinyl-L-alanyl-L-α-aspartyl-L-tryptophyl-L-alanylglycyl-L-prolyl-L-histidyl-L-cysteinyl-L-cysteinyl-L-α-aspartylglycyl-L-tyrosyl-L-tyrosyl-L-cysteinyl-L-threonyl-L-cysteinyl-L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-lysyl-L-cysteinyl-L-isoleucyl-L-cysteinyl-L-arginyl-L-asparaginyl-L-asparaginyl-**
See *μ-Agatoxin V (reduced) [120500-29-0]*
——, **L-α-glutamyl-L-cysteinyl-L-valyl-L-prolyl-L-α-glutamyl-L-asparaginylglycyl-L-histidyl-L-cysteinyl-L-arginyl-L-α-aspartyl-L-tryptophyl-L-tyrosyl-L-α-aspartyl-L-α-glutamyl-L-cysteinyl-L-cysteinyl-L-α-glutamylglycyl-L-phenylalanyl-L-tyrosyl-L-cysteinyl-L-serinyl-L-cysteinyl-L-arginyl-L-glutaminyl-L-prolyl-L-prolyl-L-lysyl-L-cysteinyl-L-isoleucyl-L-cysteinyl-L-arginyl-L-asparaginyl-L-asparaginyl-**
See *μ-Agatoxin I (reduced) [120500-28-9]*
——, **glycyl-L-alanyl-L-serylglycyl-L-leucyl-L-isoleucyl-L-prolyl-L-valyl-L-methionyl-L-arginyl-**
See *Periviscerokinin (Periplaneta americana) [161537-16-2]*
——, **glycyl-L-α-glutamyl-4-carboxy-L-α-glutamyl-4-carboxy-L-α-glutamyl-L-leucyl-L-glutaminyl-4-carboxy-L-α-glutamyl-L-asparaginyl-L-glutaminyl-4-carboxy-L-α-glutamyl-L-leucyl-L-isoleucyl-L-arginyl-4-carboxy-L-α-glutamyl-L-lysyl-L-seryl-**
See *Conotoxin G V [93438-65-4]*
——, **glycyl-L-tyrosyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U (guinea pig) [129296-62-4]*
——, **glycyl-L-tyrosyl-L-phenylalanyl-L-phenylalanyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U (chicken) [137811-42-8]*
——, **L-histidyl-L-seryl-L-α-aspartyl-L-alanyl-L-leucyl-L-phenylalanyl-L-threonyl-L-α-aspartyl-L-threonyl-L-tyrosyl-L-threonyl-L-arginyl-L-leucyl-L-arginyl-L-lysyl-L-glutaminyl-L-methionyl-L-alanyl-L-methionyl-L-lysyl-L-lysyl-L-tyrosyl-L-leucyl-L-asparaginyl-L-seryl-L-valyl-L-leucyl-**
See *Vasoactive intestinal octacosapeptide (guinea pig) [96886-24-7]*
——, **L-histidyl-L-seryl-L-α-aspartyl-L-alanyl-L-valyl-L-phenylalanyl-L-threonyl-L-α-aspartyl-L-asparaginyl-L-tyrosyl-L-threonyl-L-arginyl-L-leucyl-L-arginyl-L-lysyl-L-glutaminyl-L-methionyl-L-alanyl-L-valyl-L-lysyl-L-tyrosyl-L-leucyl-L-asparaginyl-L-seryl-L-isoleucyl-L-leucyl-**
See *Vasoactive intestinal octacosapeptide (swine) [40077-57-4]*
——, **L-histidyl-L-seryl-L-α-aspartyl-L-alanyl-L-valyl-L-phenylalanyl-L-threonyl-L-α-aspartyl-L-seryl-L-tyrosyl-L-threonyl-L-arginyl-L-leucyl-L-leucyl-L-lysyl-L-glutaminyl-L-methionyl-L-alanyl-L-methionyl-L-arginyl-L-lysyl-L-tyrosyl-L-leucyl-L-α-aspartyl-L-seryl-L-isoleucyl-L-leucyl-**
See *Vasoactive intestinal octacosapeptide (Didelphis virginiana) [141456-08-8]*
——, **L-histidyl-L-seryl-L-α-glutamylglycyl-L-threonyl-L-phenylalanyl-L-seryl-L-asparaginyl-L-α-aspartyl-L-tyrosyl-L-seryl-L-lysyl-L-tyrosyl-L-leucyl-L-α-glutamyl-L-threonyl-L-arginyl-L-arginyl-L-alanyl-L-glutaminyl-L-α-aspartyl-L-phenylalanyl-L-valyl-L-glutaminyl-L-tryptophyl-L-leucyl-L-lysyl-L-asparaginyl-L-seryl-L-lysyl-L-arginyl-**
See *Glucagon-32 II (Tilapia nilotica) [168678-23-7]*
——, **L-isoleucyl-L-lysyl-L-cysteinyl-L-asparaginyl-L-cysteinyl-L-lysyl-L-arginyl-L-histidyl-L-valyl-L-isoleucyl-L-lysyl-L-prolyl-L-histidyl-L-isoleucyl-L-cysteinyl-L-arginyl-L-lysyl-L-isoleucyl-L-cysteinylglycyl-L-lysyl-**
See *Mast cell degranulating peptide (honeybee reduced) [65636-54-6]*
——, **5-oxo-L-prolyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U 8 (Canis familiaris) [133278-81-6]*
——, **5-oxo-L-prolyl-L-threonyl-L-phenylalanyl-L-glutaminyl-L-tyrosyl-L-seryl-L-arginylglycyl-L-tryptophyl-L-threonyl-**
See *Corazonin (Periplaneta americana) [122929-08-2]*
——, **5-oxo-L-prolyl-L-threonyl-L-phenylalanyl-L-glutaminyl-L-tyrosyl-L-seryl-L-histidylglycyl-L-tryptophyl-L-threonyl-**
See *Corazonin (Schistocerca americana) [138968-27-1]*
——, **5-oxo-L-prolyl-L-valyl-L-asparaginyl-L-phenylalanyl-L-seryl-L-prolyl-L-seryl-L-tryptophylglycyl-**
See *Hypertrehalosemic hormone II (Platypleura capensis) [160324-96-9]*
——, **L-phenylalanyl-L-arginyl-L-leucyl-L-α-aspartyl-L-α-glutamyl-L-α-glutamyl-L-phenylalanyl-L-glutaminylglycyl-L-prolyl-L-isoleucyl-L-alanyl-L-seryl-L-glutaminyl-L-valyl-L-arginyl-L-arginyl-L-glutaminyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U 25 (Canis familiaris) [133278-82-7]*
——, **L-phenylalanyl-L-lysyl-L-valyl-L-α-aspartyl-L-α-glutamyl-L-α-glutamyl-L-phenylalanyl-L-glutaminylglycyl-L-prolyl-L-isoleucyl-L-valyl-L-seryl-L-glutaminyl-L-asparaginyl-L-arginyl-L-arginyl-L-tyrosyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U 25 (swine spinal cord) [98395-76-7]*
——, **L-phenylalanyl-L-prolyl-L-valyl-L-α-aspartyl-L-α-glutamyl-L-α-glutamyl-L-phenylalanyl-L-glutaminyl-L-seryl-L-prolyl-L-phenylalanylglycyl-L-seryl-L-arginyl-L-seryl-L-arginylglycyl-L-tyrosyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U 25 (rabbit) [134985-25-4]*
——, **L-seryl-L-cysteinyl-L-valylglycyl-L-α-glutamyl-L-tyrosylglycyl-L-arginyl-L-cysteinyl-L-arginyl-L-seryl-L-alanyl-L-tyrosyl-L-α-glutamyl-L-α-aspartyl-L-cysteinyl-L-cysteinyl-L-α-aspartylglycyl-L-tyrosyl-L-tyrosyl-L-cysteinyl-L-asparaginyl-L-cysteinyl-L-seryl-L-glutaminyl-L-prolyl-L-prolyl-L-tyrosyl-L-cysteinyl-L-leucyl-L-cysteinyl-L-arginyl-L-asparaginyl-L-asparaginyl-**
See *Curtatoxin I (reduced) [126339-06-8]*
——, **L-threonyl-L-isoleucyl-L-isoleucyl-L-asparaginyl-L-valyl-L-lysyl-L-cysteinyl-L-threonyl-L-seryl-L-prolyl-L-lysyl-L-glutaminyl-L-cysteinyl-L-seryl-L-lysyl-L-prolyl-L-cysteinyl-L-lysyl-L-α-glutamyl-L-leucyl-L-tyrosylglycyl-L-seryl-L-seryl-L-alanylglycyl-L-alanyl-L-lysyl-L-cysteinyl-L-methionyl-L-asparaginylglycyl-L-lysyl-L-cysteinyl-L-lysyl-L-cysteinyl-L-tyrosyl-L-asparaginyl-**
See *Noxiustoxin (reduced) [130300-62-8]*
——, **L-tyrosyl-L-lysyl-L-valyl-L-asparaginyl-L-α-glutamyl-L-tyrosyl-L-glutaminylglycyl-L-prolyl-L-valyl-L-alanyl-L-prolyl-L-serylglycylglycyl-L-phenylalanyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U (rat) [117505-80-3]*
——, **L-tyrosyl-L-phenylalanyl-L-leucyl-L-phenylalanyl-L-arginyl-L-prolyl-L-arginyl-**
See *Neuromedin U 8 (swine spinal cord) [98395-75-6]*
——, **L-valyl-L-α-aspartyl-L-lysylglycyl-L-seryl-L-tyrosyl-L-leucyl-L-prolyl-L-arginyl-L-prolyl-O-[2-(acetylamino)-2-deoxy-3-O-β-D-galactopyranosyl-α-D-galactopyranosyl]-L-threonyl-L-prolyl-L-prolyl-L-arginyl-L-prolyl-L-isoleucyl-L-tyrosyl-L-asparaginyl-L-arginyl-**
See *Pyrrhocoricin [224569-84-0]*
Aspartase
See *Ammonia-lyase, aspartate [9027-30-9]*
Aspartate magnesium ($(C_4H_6NO_4)_2Mg$)
See *Magnesate(2-), bis[L-aspartato(2-)-κN,κO⁴]-, dihydrogen, tetrahydrate, (T-4)- [21987-35-9]*
Aspartate transcarbamylase
See *Carbamoyltransferase, aspartate [9012-49-1]*